Omer Abdulaziz Alrwais, Ph.D.

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Bio

Omer Alrwais is an assistant professor at King Saud University in the College of Computer and Information Sciences under the Information Systems department. My entire academic study has been within the information system discipline. Through out my study I have gained knowledge both in applied information technology solutions as well as core theoretical underpinning of the IS field. My research focuses on how GIS impacts decision-making and how public organizations use GIS to support strategic management. I have developed a new GIS maturity model, which focuses on actual system usage and value gained for local government. Prior to pursuing the academic path, I have worked on SABIC's enterprise system as a system analyst.

Research areas

- Geographic Information System (GIS)
- IT maturity models
- Business value of IT
- E-Government
- Project management
- Data mining, big data and location analytics

Qualifications

Claremont Graduate University, Claremont, CA, USA	Information Systems	Ph.D.	2016
DePaul University, Chicago, IL, USA	Information Systems	M.S.	2011
King Saud university, Riyadh, Saudi Arabia	Information Systems	B.S.	2008

Work and training experiences

Date	Location	Description
2005	Riyadh	Summer training at ARAMCO
2006	Riyadh	Summer training at STC

2 August – 25 November 2008	Jubail	Employee at SABIC
25-27 October 2008	Riyadh	Logistics Process Excellence Order To Cash Supply Chain IT Tools
19-21 October 2008	Riyadh	Advanced Supply Chain planning Customer Clustering Key Performance Indicator Supply Chain IT Tools
2008- 2016	Riyadh	Teacher Assistant at King Saud University
2010	Riyadh	Workshop on KSU graduates and the requirements of the job market
March of 2011	Illinois Institute of Technology	Ethical Hacking
2012	ESRI	Basics of Geographic Coordinate Systems (for ArcGIS 10)
2012	ESRI	Getting started with GIS (for ArcGIS 10)
2012	ESRI	Creating Web Applications Using ArcGIS Online
2012	ESRI	Authoring Web Maps Using ArcGIS Online
2014	Claremont	Preparing future faculty associate
2014	Claremont	IBM Big Data Developer Day
2015	Fort Worth	Locational Analytics And Big Data: Foundations, Emerging Applications And Research
2016	Anaheim	Open Source GIS
2016	Claremont	Big data workshop on Hadoop and Spark
2016- Now	Riyadh	Assistant Professor at King Saud University
2016- Now	Riyadh	Student's activities director for the College of Computer and Information Sciences

Awards

Date	Description

2007/2008	Student of the year for the College of Computer and Information Sciences
2008	Bachelor Graduation with first class honor
2011	Master Graduation with distinction
2015	Best paper award, 3rd place, MWAIS Conference

Journals and conference proceedings

- Alrwais, O. A., & Hilton, B. N. (2014). Spatial Analytics for Rancho Cucamonga: A City on a Map. Journal of Cases on Information Technology (JCIT), 16(1), 40-49.
- Alrwais, O., Altammami, O., Aboulola, O., & Hilton, B. (2015). Testing the Empowerment Model of Behavior Change. MWAIS 2015
- Alrwais, O., Horan, T., Hilton, B., Bechor, T., (2015). "Evaluating Local Government Usage of GIS: A New Maturity Model", Pre-ICIS Workshop on Locational Analytics and Big Data, Fort Worth, ICIS.
- Alrwais, O., Hilton, B., Horan, T., & Bechor, T. (2016). An Organizational Perspective On GIS Payoffs for the Public Sector: Is Usage the Missing Link? AMCIS, San Diego, CA, USA

Attended conferences, workshops and events

Place	Date	Title
George Washington University, USA	17-18 March 2011	6th International Conference on Information Warfare and Security
Illinois Institute of Technology's, USA	24-25 March 2011	NETSECURE'11: IT SECURITY AND FORENSICS CONFERENCE AND EXPO
Esri Headquarters in Redlands, USA	November 19, 2014	GIS Day at the Esri Campus for Esri Education Open House
Claremont, USA	November 21, 2014	Big Data, Better World? A Transdisciplinary Studies Conference
Pittsburg State University, USA	May 14-15, 2015	The 10th Annual Midwest Association for Information Systems Conference (MWAIS 2015)
Fort Worth, USA	December 13-16, 2015	The International Conference on Information Systems (ICIS 2015)
Esri Headquarters in Redlands, USA	January 27-28, 2016	The 2016 Geodesign Summit
University of Redlands, USA	March 7, 2016	The State of Geospatial Big Data
Anaheim, USA	May 10-12, 2016	The 22nd Annual California GIS Conference

| San Diego, USA | June 27- July 1, 2016 | ESRI User conference |
| San Diego, USA | August 11-14, 2016 | Americas Conference on Information Systems (AMCIS) |